



Application No.: 10/058,150
Filed: October 29, 2001
Inventor(s):
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Peck, Hugo A. Andrade, Cary
Paul Butler, James J. Truchard,
Newton G. Petersen and Matthew
Novacek

Title: Reconfigurable Measurement System Utilizing a Programmable Hardware Element and Fixed Hardware Resources

Examiner: Unknown
Group/Art Unit: 2123
Atty. Dkt. No: 5150-61502

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Name of Registered Representative

QCM

Signature

11/1/2004

Date _____

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A copy of each reference listed on the Form PTO-1449 is enclosed.

1. This Information Disclosure Statement is submitted:
- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- ☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
- ☒ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application

not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8. ☐ Applicant(s) request that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

Applicant does not believe that any fees are required relating to this Information Disclosure Statement. If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5150-61502/JCH.


Respectfully submitted,



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Date: 11/1/2004

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DOCKET NO: 5150-61502 		SERIAL NO: 10/058,150			
		APPLICANT: Odom et al.					
		FILING DATE: October 29, 2001		GROUP: 2123			
U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	D1	DE 692 32 869 T2	Sept. 4, 2003	Germany			YES
	D2	DE 42 05 524 A1	Aug. 27, 1992	Germany			YES
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	D3	Lauwereins, R; Engels, M; Ade, M; Peperstraette, J; Grape-II: A System-Level Prototyping Environment for DSP Applications, Computer, Vol. 28, Issue 2, pp. 35-43, 2/95.					
	D4	Lysaght, P; Stockwood, J; A Simulation Tool for Dynamically Reconfigurable Field Programmable Gate Arrays, IEEE Transactions on Very Large Scale Integration Systems, Vol. 4, Issue 3, pp. 381-390, 9/96.					
	D5	Petronino et al., An FPGA-based Data Acquisition System for a 95 GHz. W-band Radar, IEEE International Conference on Acoustics, Speech and Signal Processing, Vol. 5, pp. 4105-4108, April 1997.					
	D6	Boulay et al., A High Throughput Controller for a 256-Channel Cardiac Potential Overlapping System, Canadian Conference on Electrical and Computer Engineering, Vol. 1, pp. 539-542, September 1995.					
EXAMINER:				DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.							

